

June

1987

PAARA

GRAPHS

Featuring:

PAARA prepares for Field Day. The
Membership List for 1987. The duty
roster for the Foothill Museum.
The President's Letter stating our
goals for Field Day and beyond ➡



**THE OFFICIAL NEWSLETTER
OF THE PALO ALTO AMATEUR
RADIO ASSOCIATION
AND**

THE MENLO PARK C.D. AMATEUR RADIO CLUB

1987 Club Officers

President	Gerald Tucker	WA6LNV	326-4908
Vice-President	Andy Korsak	VE3FZK	366-5228
Secretary	Bill King	N6CHI	595-0258
Treasurer	Frank Chandler	WB6QPV	322-7678
Trustee, W60TX	Fred Canham	K6YT	948-9238
Property	Ed Fairbanks	W6AIN	322-0319
Co-Property/Badges	Fred Canham	K6YT	948-9238
Refreshments	Frank Chandler	WB6QPV	322-7678
ARES Officer	Steve Stuntz	K6FS	322-4952
Club Historian	Jerry Zobel	W6ARA	322-0063

Board of Directors

Craig Smith	N6ITW	1987-8	326-8637
Ron Panton	W6VG	1987-8	854-4814
Gerry Wagstaffe	W6NIR	1985-6	325-4670
John Buonocore	KD6ZL	1986-7	366-1658
Micheal Bach	WB6FFC	1986-7	592-2710
Perry Yelton	WR6E	1987-8	366-9481

PAARAgaphs Staff

Editor	Kenneth Dueker	KB6BPM	322-6984
Associate Editor	WE NEED TO FILL THIS POST. PLEASE HELP.		
Advertising	Swede Swenson	N6CHL	368-9808
Mailing	Bill McElhinney	KA6LZI	325-9808

And a few anonymous, but *very* important publication people!

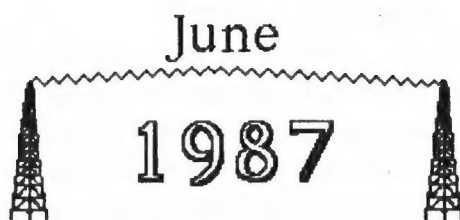
PAARA Policies

Membership in PAARA is \$6.00 per calender year which includes a subscription to *PAARAgaphs*. Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026

Club Net on 147.45 MHz Mondays at 8:30 P.M.

Meetings monthly at the Menlo Park Recreation Center at 7:30 P.M., the first Friday of the month.

June 1987



Jerry Starkey, WA6LIJ, pointed out the number of the Rec Center as 415-858-3470, if someone needs to contact you while you are at the meeting.

From the Editor's Desk:

Craig Smith, N6ITW, reports that the PAARA-sponsored novice class, instructed by Jim O'Neal starts on Thursday June 25th at 8:00 P.M. at the Menlo Park Recreation Center. PAARA will loan copies of "Tune in the World" and provide "Elmers" to the new novices. Those wishing to be Elmers should see Craig at the next meeting. The fee is \$20 for residents of Menlo Park and \$24 for non-residents. Please show your support by helping.

Speaker of the Month:

WA6TWX, Kent Cullers, will present a lecture on S.E.T.I. (Search for Extra-Terrestrial Intelligence).

Mr. Cullers is an employee of NASA-AMES and his viewpoint on the topic should be educational.

Coming Attractions:

Andy, VE3FZK, is working hard to line up some of the following speakers for our benefit. Be looking forward to:

Next month and beyond:

Rod Stafford on the ARRL, Tom McShane on RFI, Paul Schuch on microwave techniques, and KI6JD on robotics.

(Dinner with the speaker: 6:15 at Su Hong's!)

President's Corner

It seems hard to believe that we are crossing the halfway mark of 1987. I think it was once a tradition to publish a "membership list" in June so you will find that included as a centerfold insert. Date dues last paid is included for reference and of course the names and calls of many out of town PAARA friends are also published. Speaking of friends, those who missed the picnic on the 25th missed a lot of fun. It was at Ron, W6VG, and Helga Panton's home and was a success. About 31 people attended and it was wonderful to see Vance Wardlow, W6FLE, again. Vance single-handedly kept PAARA alive during the fifties and published PAARAgaphs for many years. He has asked about Rick Ferranti, WA6NCX, but I could not provide him with the information--give him a call if you can.

Our big activity for June (perhaps of the year) is of course FIELD DAY on June 27-28. The present plan is to enter class 3A, but we need the support of everyone in PAARA! We will be at our traditional site at the end of Bay Road in East Palo Alto. Please sign up for some operating time with the Field Day captians either during the net or at the June meeting. We also need help putting up the antenna farm on June 20. The antenna effort takes lots of people (from noon until five) to hold guy wires, etc. Please show up. We will monitor 147.45 and probably 145.230 MHz during all FD activities.

Keep your attention on FD but we also have a flea market to run in August and, in support of this, PAARA members are providing help at the Perham Foundation from May until August in the form of "docent" support. Many people have already signed up to help. See the back of the roster for schedule information.

I am proud to announce the receipt of a letter from Robert Patnude of Ampex confirming our reservation for the October 10th Auction--our 35th year!

de WA6LNV

Lile, Irene	84/01	WB6RAF	851-7473	Portola Valley
Lile, Shannon	84/01	K6TNY	851-7473	Portola Valley
Littrell, George	87/01	W6ABU	---	Redwood City
Makler, Harry	85/01	KX6C	---	Palo Alto
Manders, Ken	86/01	WB6CNI	366-7389	San Carlos
Martin, Hank	87/01	W6UCE	493-9046	Palo Alto
Matson, Walter K.	87/01	K6TSH	---	San Carlos
McCollum, Sid	85/01	WA6RBC	321-6868	Menlo Park
McDermott, Charles	85/01	KA6NDX	941-6556	Los Altos
McElhinney, W.G.	87/01	KA6LZI	325-9808	Palo Alto
McEnnerney, Jack	87/01	W6LII	591-8526	San Carlos
Morton, Bob	87/01	WA6SOI	---	Palo Alto
Nixon, George	86/01	G13DEN	854-6445	Menlo Park
Olson, Les	86/03	W6CBI	---	Mountain View
Panton, Ron	87/01	W6VIG	854-4814	Menlo Park
Peterson, Bob	86/01	KA6KYY	---	Sunnyvale
Peterson, Ruth	86/01	KA6KYZ	---	Sunnyvale
Porter, Wallace	87/02	K6URO	494-7038	Palo Alto
Reinhardt, Gary	87/01	KB6PLW	415-367-7759	Redwood City
Roche, Curtis	87/01	K6AL	494-2643	Palo Alto
Root, I. Eugene	87/01	WB6OOD	323-2666	Menlo Park
Russell, Al	87/11	W6TFT	365-4258	Redwood City
Ryan, Ralph	87/01	WB6NNL	325-2213	Menlo Park
Sakols, Dan	87/04	KA6NEX	326-1433	Palo Alto
Sakov, Joshua	87/01	WR6B	415-327-2382	Palo Alto
Schellenberg, C.	82/00	WB6WBK	---	Menlo Park
Scherf, Tom	87/03	K6JBR	365-4068	Redwood City
Schooler, William	84/01	N06P	325-1352	Atherton
Schumacher, Len	87/01	WA6HLE	591-4385	Belmont
Schutzer, Mark	88/01	KA6RMA	366-2950	Redwood City
Shovlin, Jim	85/01	W6WQX	---	Atherton
Smith, Craig	86/03	W6ZXP	---	Menlo Park
Smith, Dr R. Lane	86/10	KX6T	---	Palo Alto
Starkey, Jerry	87/01	WA6LIJ	964-6584	Los Altos
Stein, Seymour	86/01	WA6GROM	967-0362	Mountain View
Stiebel, Jonathan	87/01	N6DHQ	---	Claremont
Stiebel, Rich	87/01	W6APZ	494-0122	Palo Alto
Streib, Fred	87/02	W6NA	326-7846	Palo Alto
Stuntz, Steven	87/01	K6FS	322-4952	Menlo Park
Swenson, Lloyd	86/01	N6CHL	368-8503	Atherton
Talbert, Elmer	87/03	W6PFC	---	Belmont
Taylor, Robert	84/05	KA6NAN	857-9138	Palo Alto
Thekan III, Paul	87/01	N6FEG	367-1499	Redwood City
Thomas, Ken	86/01	K6GDH	326-7701	Palo Alto
Tiffany, Willard	87/02	W6GNX	324-4524	Menlo Park
Towle, Stanley	86/06	WA6ZGI	322-0890	Menlo Park
Troster, John	88/01	W6ISQ	854-3939	Atherton
Tucker, Gerald	87/01	WA6LNV	326-4908	Palo Alto
Vanderbeek, Herb	87/01	nc	493-6397	Palo Alto
Vickery, Leslie	87/01	W6AKR	368-5175	Redwood City
Wagstaffe, Gerard	87/01	W6NIR	325-4670	Menlo Park
Walker, Ed	85/03	N8BXD	---	Palo Alto
Wallace, Robert	84/01	K6OL	851-0249	Portola Valley
Wardlow, Vance	87/01	W6FLE	854-0803	Menlo Park
Wheeler, Bob	85/02	K6SEM	459-2340	San Rafael
Willis, Jim	86/01	K6BTW	---	Menlo Park
Winter, Patricia	84/02	N6BIS	---	Menlo Park
Wood, Steve	85/08	N6JIO	366-9481	Palo Alto
Yelton, Perry	86/01	K6TIB	366-9481	Redwood City
Zalaznik, Lee	87/01	WB6BJB	---	Livermore
Zaner, Bill	87/01	WB6IYS	856-2089	Palo Alto
Zobel, Jerome	87/01	W6ARA	322-0063	Palo Alto

366-7814

408 258-4857
Chuck Johnson

3309 Mt. Logan Dr. S.J. 95127

system is working. Two people are assigned to each date, report to the curator of the museum a little before 1:00 P.M. As an added plus to your stay, get checked out on the transmitting equipment and work a couple of stations! SIGN UP NOW.

THE SCHEDULE

June 7:	Wally Porter Perry Yelton	K6UR0 W6R6E	494-7038 366-9481
June 14:	Dusty Doster Lily Anne Hillis	K6MPN N6FGM	368-8156 ???-???
June 21:	Steve Stuntz Dave Daniels	K6FS KE6VP	322-4952 325-3347
June 28:	Andy Anderson Bill Zanner	K6EHS W6BYS	494-0831 856-2089
July 5:	Craig Smith John Buonocore	N6ITW KD6ZL	326-8637 366-1658
July 12:	Gerry Tucker Frank Chandler	W6ELN W6QPV	326-4908 322-7678
July 19:	Fred Canham G. Christofferson	K6YT K6MTZ	948-9238 ??-???

Support of the Perham Foundation

The Perham Foundation operates the Foothill Electronics Museum. They also provide the "umbrella" under which the local Amateur Radio groups operate the summer flea markets at Foothill College. The foundation in turn has asked the participating clubs to help them in the form of "aiding in the operation of the Museum on Sundays. PARRA has accepted the responsibility to provide two people each Sunday (1-4:30 P.M.) during May through August. The membership has indicated enthusiastic support for this plan during meetings. Below is a list of volunteers assigned to dates. Please take the responsibility to help on a Sunday. If you can't make it, work out a trade with someone else on the list. If, after reasonable effort, you can't find someone to cover for you, call me (WA6LNV) to fix it. A courtesy call to Jim Lomasney (321-8233) a few days before your assignment would be helpful in giving everyone the feeling that the

Adachi, Dick	87/01	W6RVS		Menlo Park
Airries-Norwood, C	87/05	KB6LVW	415-365-7937	Menlo Park
Allen, Jim	87/01	KA6ZCU	---	Redwood City
Allen, Kenneth	87/03	WB6BCV	---	Palo Alto
Allustiarti, Ray	86/03	W6JOV	---	Belmont
Anderson, Andy	87/01	K6EHS	494-0831	Palo Alto
Bach, Mike	86/01	WB6FFC	-	Belmont
Bartelme, John	87/01	N6FLX	323-6295	Menlo Park
Battelle, Bard	87/04	KD6QZ	854-6848	Portola Valley
Bolton, Arthur Jr.	87/03	NM6K	323-7066	Menlo Park
Bubeck, Robert	87/01	N2DDV	856-3340	Palo Alto
Buonocore, John	86/03	KD6ZL	366-1658	Redwood City
Callander, George	87/01	WA6SZX	856-1752	Palo Alto
Canham, Fred	87/03	K6YT	948-9238	Los Altos
Cary, Charles	87/01	N6GEP		Auburn
Chan, Loren	87/02	WA6ENC	408-629-1852	San Jose
Chandler, Frank	87/01	WB6QPV	322-7678	Menlo Park
Christofferson, G	87/03	K6MTZ		Los Altos
Clark, Ed	87/06	W6KJI	366-8187	Redwood City
Clark, Vernon	86/01	WA6DHD		Palo Alto
Conboy, Terry	87/05	N6RY	---	Mill Creek
Daily, Larry	87/01	W6KZJ	415-593-9150	San Carlos
Daniel, Dave	87/01	KB6WP	325-3347	Menlo Park
DeLay, David M.	87/09	WA6DCP	415-322-0900	Woodside
Deliban, Robert	87/01	W6FGL	415-322-6910	Menlo Park
Dean, Wallace	87/02	KA6JHD		Menlo Park
Dorrance, Dave	85/01	WA6YSD	---	Redwood City
Doster, Landry	87/01	K6MPN	368-8156	Redwood City
Dueker, Ken	87/01	KB6BPM	322-6984	Atherton
Dwelle, Dale	87/02	W6STY	325-5240	Menlo Park
Dwight, Kenneth	86/03	WA6NYB	856-0727	Palo Alto
Edberg, Eric	87/01	W6DU	948-1748	Los Altos
Edgerton, M.	84/03	WA6VZZ	965-6433	Mountain View
Enge, Robert	85/12	KB6FNA	415-366-5427	Redwood City
Fairbanks, Ed	87/02	W6AIN	322-0319	Menlo Park
Falconer, David	86/10	W6GK		Menlo Park
Feiler, Kurt	87/01	KA6KYU	365-2857	Redwood City
Ferranti, Rick	83/01	WA6NCX		Arlington
Finkbeiner, Dick	87/03	W6AQL	961-6655	Mountain View
Fraher, John	87/01	KA6FRK	967-3822	Los Altos
Frye, Bill	86/03	nc	326-2610	Palo Alto
Gordano, John	87/02	K6JJU	368-0483	Redwood City
Griffith, Bill	87/01	W9DDN	322-4551	Atherton
Harper, David	87/02	WB6JFH	509-276-8351	Deer Park
Harris, Dave K.	85/03	KB6FVA		Redwood City
Hastings, Al	86/04	KB6LVV	493-6084	Palo Alto
Hausafus, Ed	87/01	WA6FSQ	366-5640	Atherton
Hillis, Lily Anne	87/01	KB6PDY	N6PGM	Menlo Park
Hotz, Preston E.	84/04	K6WD	325-8900	Menlo Park
Ice, George E.	87/01	K6CMT	593-0661	San Carlos
Jenkins, Wm. D.	86/06	WB6LML	---	La Honda
Johnson, Ed	84/01	WB6CFM		Sunnyvale
Katz, Nolan	87/04	KB6LT	366-7286	Redwood City
Keely, Cliff	84/01	KA6JWA		Redwood City
Kennedy, Dennis	87/03	N6MGQ	364-5462	Redwood City
King, William Jr.	87/01	N6CHI	595-0258	San Carlos
Korsak, Andy	87/01	VE3FZK	366-5228	Redwood City
Krawetz, Howard M	87/01	N6HM	739-7936	Sunnyvale
Lapp, Kevin	87/01	WA6FHC	364-2654	Redwood City
Lar Rieu, Barry	88/01	WA6UIM	326-2020	Menlo Park
Larson, Alan	86/01	WA6AZP	326-6430	Menlo Park
Lazier, John	86/03	W6HBJ	326-0594	Palo Alto
Lewis, Paul	86/03	NZ6B	329-1143	Menlo Park

Sales Report

Fred Canham, K6YT, reports the following results of his attempts to sell our surplus gear. At the Foothill Flea Market (May 9th) some of the donated material was sold. The remainder will be sold during the June Flea Market. The radio gear stored in the trailer was sold and some of it was sold at Jerry Tucker's new shop. The total sales netted PAARA \$142.50.

Fred has not yet sold the Swan 350 or the old Motorola that was set up on 147.45, although he claims he tried to. I am surprised that no one has offered to buy the Motorola; it's really a nice radio. Fred suggests that the board consider purchasing new 2 meter gear and possibly a new HF transceiver.

Field Day

We are running out of time to prepare for what should be one of PAARA's best Field Days ever. John Buonocore, KD6ZL, will head the CW team. Persons interested in assisting should contact him at 415-366-1658. I, Kenneth Dueker, KB6BPM, will be heading up one of the phone teams and can be reached at 415-322-6984. Jerry Tucker, WA6LNV, will head the other phone team and can be reached at 415-326-4908. Anyone who wants to operate simply needs to show up and help out. We need people to work on the antennas, the tents/trailer, and the refreshments. We may also have a novice tent. This topic is sure to be discussed during the upcoming meeting.

The Editor

As most of you know, I will be leaving for Pomona College in August and will have to resign as Editor of PAARAgaphs. Persons interested in taking over after the July issue should contact the President, WA6LNV, immediately.

WORLDWIDE DISTRIBUTION



HAM RADIO OUTLET

NEW OAKLAND
LOCATION

6 STORE BUYING POWER

ICOM IC-R71A

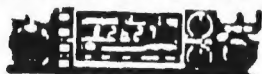


Superior Grade General
Coverage Receiver

\$799

SALE! CALL FOR PRICE

ICOM IC-37A



IC-27A (20W 2nd Freq)

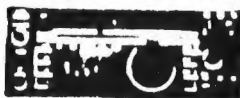
IC-27H (40W 2nd Freq)

IC-37A (20W 200kHz Freq)

IC-47A (20W 70cm Freq)

CALL FOR LOW, LOW PRICE

ICOM IC-735



The Latest in ICOM's Long
Line of HF Transceivers

CALL FOR LOW, LOW PRICE

ICOM IC-R7000

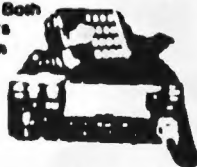


25 MHz-1300 MHz

IN STOCK FOR
IMMEDIATE
DELIVERY!

ICOM LATEST EDITION IC-3200A DUAL BANDER

Covers Both
2 Meters
& 70 cm



AT GREAT LOW, LOW PRICES

ICOM IC-1271A

NEW



12 GHz Transceiver
The First Full-featured
1240-1300 MHz Transceiver
AT GREAT LOW, LOW PRICES

ICOM HAND-HELDS



IC-02AT
IC-04AT

VHF/UHF



IC-2AT
IC-4AT



IC-3AT

CALL FOR LOW,
LOW PRICE

All Major Brands in Stock Now!

Bob Powers WORLD
President
Jin Anthony WORLD
VP Sales & Mktg
Atlanta, GA

ALABAMA, AL 0001
1820 W. La Poma
(214) 701-3533 (214) 800-2000
William D. Powers & Son, Inc. Sales
BRILLIANT, CA 0002
600 Highway 101
(916) 362-3717 George M. Powers
1 mile south on 101 to 370

OAKLAND, CA 0003
2210 Livingston St.
(415) 534-5757 Don M. Powers
May 17 to 23rd Ave. East
SAN DIEGO, CA 0004
5375 Highway 160 Rd.
(619) 560-0000 Glenn M. Powers
May 17 to 23rd Ave. East

PHOENIX, AZ 0005
1702 W. Camelback Rd.
(602) 242-3515 Bob M. Powers
May 17 to 23rd Ave. East
VAN NUYS, CA 0006
6300 Sepulveda Blvd.
(818) 908-2712 Al M. Powers
San Diego Hwy. at Victory Blvd.

**FREE
SHIPMENT**
on orders over \$100

CALL TOLL FREE (800) 854-6046

9AM to 5PM Monday & Tuesday Phone M-F 9AM to 5PM Pacific Time California and Arizona customers call toll free
store California and Arizona residents please add sales tax. Prices subject to change without notice



COMPLETE HAM RADIO DEPARTMENT

NOW AVAILABLE

LARSEN 2/70

Dual Band Amateur Mobile

ANTENNAS

2 Meter or 440 MHz

- Maintains High Performance For Both VHF And UHF Amateur Bands!
- Self Resonant Design Allows Most Applications For Boats And Base Stations.



Ritron "Jobcom" Series COMMERCIAL 2-WAY RADIOS

For "In-Plant" or "On-Site" Applications

Handheld Units From

\$195

Total Commercial Radios "Person-to-Person"



Most Add-On Accessories In Stock!

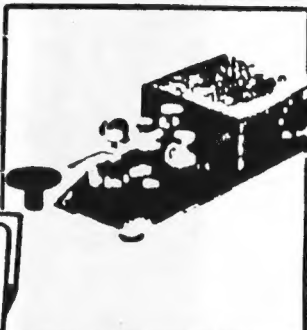
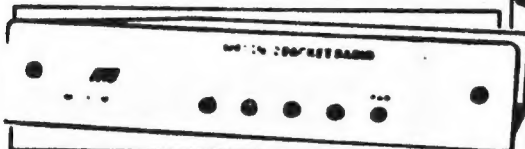
Affordable!

PACKET RADIO FROM MFJ

\$129.95

MODEL MFJ1270

- Identical TAPR TNC 2 Clone in New Cabinet With TTL Serial Port. Totally General Purpose
- Latest AX.25 Version 2.0 Software. 16 K RAM



NYE VIKING CODE PRACTICE SET!

Special Reg. #27

\$21.95

#404-002

- Uses NYE Viking Standard Key, Oscillator And Amplifier



KOM IC-2A (T) HANDHELD \$269.50

Extremely Compact, With Excellent Audio Quality!

- 800 Channels Transmit And Receive.
- Separate Speaker & Built-in Mic. • Synthesized
- Complete With BPS NiCd Pak And AC Wall Charger

TELEX HY-GAIN ANTENNAS



MODEL CPC-2A
COLLINEAR
GROUND
PLAIN FOR
2 METERS

\$36.00

\$139.95

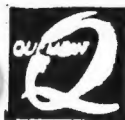
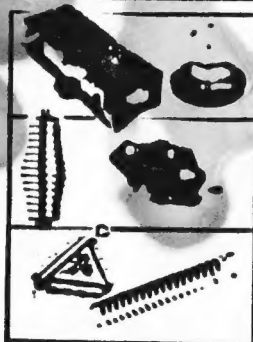
MODEL AR4B
FOR LARGE
PM TV AND
COMMUNIC-
ATION
ANTENNA
ARRAYS



Thousands of
COMMUNICATIONS
PARTS AND
ACCESSORIES

In Stock Today And
Ready To Fill Any
Communications Need!

Qualified Staff To
Assist You!



QUEMENT ELECTRONICS
1000 South Bascom Avenue
San Jose • 988-5900



Since
1933

AMERICAN EXPRESS

OPEN MON. - SAT. 9AM TO 6PM

Easy Wheel Chair Access

PARA
P.O. Box 911
Menlo Park
Ca. 94026

VE3FZK 87/Ø1
Andy Korsak
504 Lakemead Way
Redwood City CA 94062



FIRST CLASS